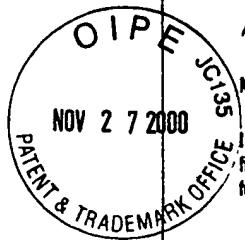


3

Declaration and Power of Attorney For Patent Application

English Language Declaration



As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

OPTIMIZATION OF NUMBER OF TRANSCEIVERS USED IN A SWITCH

the specification of which

(check one)

is attached hereto.

was filed on June 30, 2000 as

Application Serial No. 09/610,116

and was amended on _____
(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed	
(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

0 / (Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
0 / (Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)

Ansel M. Schwartz, Reg. No. 30,587

Send Correspondence to:

Ansel M. Schwartz

412/621-9222

Direct Telephone Calls to: (name and telephone number)

Full name of sole or first inventor Ben Speiser	Signature <i>Ben Speiser</i>	Date 9/22/00
Residence 138 Westland Drive, Pittsburgh, PA 15217		
Citizenship United States		
Post Office Address 138 Westland Drive, Pittsburgh, PA 15217		
Full name of second joint inventor, if any Ronald P. Bianchini, Jr.	Signature	Date
Residence 326 Olde Chapel Trail, Pittsburgh, PA 15238		
Citizenship United States		
Post Office Address 326 Olde Chapel Trail, Pittsburgh, PA 15238		

(Supply similar information and signature for third and subsequent joint inventors.)

3

ADDED PAGE TO DECLARATION AND POWER OF ATTORNEY FOR PATENT
APPLICATION - THIRD AND SUBSEQUENT JOINT INVENTORS

Full name of third joint inventor Jeff Schulz

Inventor's signature _____ Date: _____

Residence 114 Denny Road, Valencia, PA 16059

Citizenship United States

Post Office Address 114 Denny Road, Valencia, PA 16059

Full name of fourth joint inventor _____

Inventor's signature _____ Date: _____

Residence _____

Citizenship _____

Post Office Address _____

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(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
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Ansel M. Schwartz, Reg. No. 30,587

Send Correspondence to:

Ansel M. Schwartz 412/621-9222

Direct Telephone Calls to: (name and telephone number)

Full name of sole or first inventor Ben Speiser	Date
Investor's signature	
Residence 138 Westland Drive, Pittsburgh, PA 15217	
Citizenship United States	
Post Office Address 138 Westland Drive, Pittsburgh, PA 15217	
Full name of second joint inventor, if any Ronald P. Biaschini, Jr.	11/1/00
Second Inventor's signature	Date
Residence 326 Olde Chapel Trail, Pittsburgh, PA 15238	
Citizenship United States	
Post Office Address 326 Olde Chapel Trail, Pittsburgh, PA 15238	

(Supply similar information and signature for third and subsequent joint inventors.)

3

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APPLICATION - THIRD AND SUBSEQUENT JOINT INVENTORS

Full name of third joint inventor Jeff Schulz

Inventor's signature _____ Date: _____

Residence 114 Denny Road, Valencia, PA 16059

Citizenship United States

Post Office Address 114 Denny Road, Valencia, PA 16059

Full name of fourth joint inventor _____

Inventor's signature _____ Date: _____

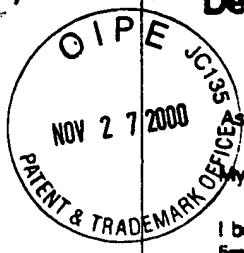
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Prior Foreign Application(s)

Priority Claimed

<u>(Number)</u>	<u>(Country)</u>	<u>(Day/Month/Year Filed)</u>	<input type="checkbox"/>	<input type="checkbox"/>
<u>(Number)</u>	<u>(Country)</u>	<u>(Day/Month/Year Filed)</u>	<input type="checkbox"/>	<input type="checkbox"/>
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Citizenship United States	
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Full name of second joint inventor, if any Ronald P. Bianchini, Jr.	Date
Second Inventor's signature	
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Citizenship United States	
Post Office Address 326 Olde Chapel Trail, Pittsburgh, PA 15238	

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Full name of third joint inventor Jeff Schulz
Inventor's signature Jeff Schulz Date: 9-18-2000
Residence 114 Denny Road, Valencia, PA 16059
Citizenship United States
Post Office Address 114 Denny Road, Valencia, PA 16059

Full name of fourth joint inventor _____
Inventor's signature _____ Date: _____
Residence _____
Citizenship _____
Post Office Address _____